A.N.A.R.T.S. News Bulletin 1337 for 27th February 2005.

Cols Column

John VK2BAT and myself had a pleasant day at the Central Coast ARC Field Day at Wyong last Sunday. It was a little quieter than normal, or at least it seemed to me. Not quite so many people there this year, and of course we missed Pat VK2JPA who was not too well, and Jim VK2BQS who was still in hospital recovering from his stroke.
I was able to sell a few of ANARTS Software Discs which will come in handy for running our RTTY Contest due in June this year.

For information, I spoke to Jim tonight on the telephone, he arrived back home last Monday, and is sounding quite chirpy, but has not turned his Radios on as yet, just taking it easy and having a rest.

Heres this weeks Early Electrical Communications thrilling episode.

Cooke and Wheatstone. Part Five.

A public demonstration of Cooke and Wheatstones Telegraph was held on 25th July 1837, attend by the press and by distinguished guests and visitors. Attending were Cook and Wheatstone, Robert Stephenson and Sir Charles Fox, resident Engineer of the London and Birmingham Railway.

The Telegraph used for this occassion was the 5 needle device with the diamond shaped hatchment. The line used was the one Cooke had laid between Euston and Camden Town Station. Cooke felt that success was now just around the corner, and he wrote at that time 'You may imagine the task when I tell you that 2,888 nails have been put up for the suspension of the wires'.

The problem of 'Attenuation' that is Resistance, had been partly overcome by this time, but they now faced the problem of unwanted conduction in the line covering, or insulation,

A previous experiment to lay a cable under the Thames, involving the use a cable covered by rope supplied by the Enderby Brothers Rope Company, had failed before it began as it rained over the weekend before the experiment, the cable/rope being left out in the open got wet and tests showed the insulation was now a conductor. This is how it became apparrant that water was a conductor.

The line from Euston to Camden was above ground, but covered by rope. Though the demonstration was succesful, the weather being dry, later the rope did get wet and destroyed that insulation, thereby bringing the telegraph to a halt.

it was not understood at this time that the insulation of a cable buried under the ground can act as a conductor. It was not until much later that Gutcha-Percha was found to be a good insulator.

More next week 73s Col VK2CTD.

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IPS Weekly Solar and Geophysical Report for 18/24th Feb

SUMMARY

Date	18	19	20	21	22	23	24
10cm flux	104	99	96	95	92	85	80
AFr index	14	8	6	4	3	2	(6 estimated)
Aaus index	27	12	11	4	5	6	(8 estimated)
T index	66	51	26	10	40	66	56

Solar flare activity was very low on 18th 20/22nd and 24th
low on 23rd and moderate on 19th with one M3 flare.

Geomagnetic activity observed for the Australian Region was
Quiet to minor storm on 18th quiet to active on 19th quiet
to unsettled on 20th and 24th and quiet 21/23rd.

Southern Australian Ionospheric F2 critical frequencies were
enhanced 50 percent to 25 percent depressed on 18th near
predicted to 25 percent enhanced on 19th depressed 15 percent
to near predicted on 20th depressed 15 percent on 21st near
predicted to 30 percent enhanced on 22nd enhanced 15 percent
on 23rd and near predicted to 20 percent enhanced on 24th.

Forecast for 25th Feb to 3rd Mar

Solar activity should be low.

Geomagnetic activity should be initially active on 25/26th
then quiet to unsettled. Activity is due to a coronal hole
wind stream.

Frequencies could be depressed 15 percent briefly after local
dawn on 26/27th otherwise near normal. No Short Wave Fadeouts
are expected.

courtesy of the IPS Radio and Space Services

summary by Pat VK2JPA ANARTS Broadcast Officer

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VK2SG RTTY DX NOTES FOR WEEK ENDING 24 FEB

Our information this week came from GU0SUP I5FLN DJ3IW NG3K
and OH2AQ's DX Summit. Thank you all.

This weekend is the North America QSO Party (NAQP) RTTY contest.
Rules at http://www.ncjweb.com/naqprules.php.

Bandpass

Friday 18
0028-10139 PT7AZ
0052-10138 KP4FKN
0102-10135 KP4JRS
0108- 7040 VU2WAP

0116-21086 DX0K
0123-14081 3D2RR
0223-14082 JT1CO
0824-18103 EY8CQ
1020-14070 VK0MT PSK31 see notes
1101-14085 UN8LF
1339-18105 AP2IA
1339-24922 DH8WR/HC2
1437-21081 DH8WR/HC2
1514-21087 EA6/I1RSA
1645- 7034 XU7ABN
1844-14086 GD0TEP
1913-14080 VP8DIN
1920-14085 XU7ABN

Saturday 19
0203-21086 DX0K
0537-21084 XX9BB
0547-21085 3B9FR
0621-21082 KH0/JA1BHK
0629-24923 DS5DNO
0634-14087 UK8OAR
0704-21082 US6IOT
0734-21085 SU1SK
0825-14078 CT3FQ
0845-14082 XX9BB
0919-14082 UN8LIM
0950-28120 EK7DX
1015-21084 4S7AB
1224-14084 DX0K
1324-14083 OX3DB
1535-14089 AP2IA
1611-18102 OY4TN
1910-10142 3Z8IARU
2324- 7080 XE1YJS
2334-14086 KP4JRS

Sunday 20
0334-24926 DX0K
0503-18101 DX0K
0637-14084 UN8PIM
0840-18107 AP2IA
1152-18106 AP2IA
1243-24910 9G5OO
1314-18102 KP4JRS
1351-18105 EA8RR
1419-18104 OY4TN
18105 4Z5BF 1508
1741-18100 DH8WR/HC2
1745-14085 OX3DB

Monday 21
0747-14082 S92RI
0832-14084 JT1CO
0838-14084 TF3FK
0908-14092 VR2BG
1352-18103 KP4JRS
1600-21086 EA6/I1RSA
1606-14086 TF3GC
1621-14082 II7ANT
1703-10142 3Z8IARU
1809-18110 S92RI
1858-14083 ZD7JC

1925- 7040 IU0ANT
2339-14088 J88DR

Tuesday 22
0108-14085 KL7IWC
0127-14088 CE3CDV
0156-14086 PJ7/ND5S
0712-14079 UN8PIM
0835-14088 CE3CDV
0850-14082 JT1CO
1004-21083 S92RI
1209-14085 TF3FK
1226-14081 VK2KM
1330-18107 S92RI
1440- 7034 DX0K
1455-14083 OD5/SP5LKN
1542-21081 3Z8IARU via SP8AQA
1612-14083 TF3GC

Wednesday 23
0054-14080 JT1CO
0217-14087 VR2BG
0608-14089 CE3CDV
1144-14087 TF3FK
1239-14082 EA8KV
1253-21081 8P9NX
1610-14086 TF3GC
1631-14085 XU7ABN
1701-14087 3B9FR
1706-14093 TK5IH
1952-14082 OX3DB
2042-14088 HH4/K2AC via JA7AGO
2253-14083 8P9NX
2334-14087 HP1DCP
2337-14086 CE3AKK
2340-14086 XE1L
2342-18103 KP4JRS
2349-14090 XQ1VLY

Thursday 24
0010-14082 8P9NX
0158-14083 UK8OAR
0219-14086 KL7IWC
0601-14092 CE3CDV
0803-14082 JT1CO
0648-21076 S92RI
1501-21083 A92GE via I2MQP
1509-21084 XE2WWW
1536-21084 TF3FK
1930-14087 KL7IWC
2047-14077 S92RI
2125-14083 OX3DB
2136-14085 R1ANF

Notes of Interest:

The VK2SG RTTY DX NOTES are distributed every week via the
Winlink network and are also available on the Internet at URL
http://mailman.qth.net/pipermail/vk2sg-rtty/
and the digital-dx reflector. To subscribe to the digital-dx
reflector, send an e-mail message to majordomo at nifty.ne.jp
as follows: Subject:(blank) Message Body: subscribe digital-dx

For next week's bulletin send your bandpass and notes of interest
to Phil GU0SUP at e-mail: pcooper at guernsey.net

GL with RTTY DXing Don AA5AU

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The Ohio/Penn DX Bulletin No. 698 -- excerpts

NEWS FLASH (Possible New One)
Members of the American Samoa Amateur Radio Association (ASARA)
have announced a DXpedition to Swains Island (IOTA OC-200) to
take place Mar 2-6. Operators will be Kan/JA1BK John/K1ER/KH6
Tet/JH1JGX/AH7C Yuichi/JR2KDN Paul/F6EXV Jim/N9TK and Burt/W0MY
(ex-W0RLX). The callsign will be KH8SI. Activity will be on
160-10 meters on the usual DX and IOTA frequencies. Modes will
be CW SSB and RTTY. Pilot base stations are AH8LG WA2MOE JE2EHP
and KH6BZF. QSL Manager will be VE3HO. The DXpedition's support
team is: Yaesu, Steppir, JH1BUO and WD4NGB.

9K44, KUWAIT (Special Event)
Every year on Feb 25-26 the state of Kuwait celebrates its
National and Liberation Day. The Kuwait Amateur Radio Society
(KARS) will celebrate this occasion by using the special callsign
9K44NLD. Operation will be from KARS's HQs. Contacts may be
conducted on any amateur band and on any mode. The event will
start at 0000z on Feb 25 and will end at 2359z on Mon Feb 28.
Special QSL cards will be issued. QSL via 9K2RR Faisal Al-Ajmi,
PO BOX 1124 80000 AL-FARWANIA, KUWAIT.

C6, BAHAMAS
Dave G4WFQ will be active as C6AWF from Treasure Cay, Abaco Island
(NA-080), Apr 15-29. Activity will be on 80-10 meters, including
the WARC bands, mostly CW and RTTY with some SSB. Online logs and
a log upload to LoTW will be available after the operation.
QSL via G3SWH, direct or by the bureau.

KP1/KP5 - PROJECT NEWS
The following was received from Mike NA5U
DXers contesters and other interested hams, The KP1/5 Project
Team in conjunction with the Lone Star DX Association wants to let
you know that the effort to gain access to Navassa and Desecheo
Islands has begun again. You will recall that Representative Nick
Rahall(D-W.Va.) introduced H.R. 5361 in the 108th Congress. The
bill has now been introduced in the 109th Congress and its number
is H.R. 298. Fortunately it is again a bipartisan bill with co
sponsorship by Representative Richard Pombo (R-Calif.). This bill
requires the U.S. Fish and Wildlife Service to allow public access
to the islands, which would open the door to Amateur Radio
expeditions.

SHORTWAVE DX HANDBOOK
Last week we mentioned that the highly successful Kurzwellen
DX-Handbuch by Enrico Stumpf-Siering, DL2VFR, originally published
in German in June 2003, is now available in English. Several have
asked Where can I get the book. We recommand checking out the
following Web page at http://www.darcverlag.de

SPECIAL EVENT

Peter OE3EPW President of the Austrian Military Radio Society AMRS (the local HAM radio organization within the Austrian Armed Forces), informs OPDX that the AMRS will use a special callsign during the Biathlon World Championship in Mar from Hochfilzen in Tirol. Look for OE7XBH/WM05 to be on the air from 2300z, Mar 3 to 2300z Mar 13. Activity will be on all bands 160-2 meters SSB CW FM and some SSTV. QSL via the bureau to OE7SPI.

SPECIAL EVENT
Gwen VK3DYL informs OPDX that a special event station will be active to celebrate the 10th annual running of the Australian Formula 1 Grand Prix in Melbourne and it will be on the air Mar 4-7th. This station will be activated by members of the Eastern and Mountain District Radio Club Inc. using the clubs callsign VK3ER. QSL direct to the callbook address (P.O. Box 87, Mitcham, Vic. 3132, Australia) with self addressed envelope and sufficient return postage (no old IRCs accepted) or via the VK3 Bureau. No e-QSLs.

TP1, FRANCE (Special Event)
The Council of Europe Radio Club in Strasbourg will be activate by four YLs using the callsign TP1CE from Mar 4-6. Activity is to celebrate International Woman Day (Mar 8). The four YLs are all from Germany. The group received an invitation to operate as TP1CE on all bands on SSB CW and RTTY. Operators Annemarie/ DJ0FR Erna/DL1PT and Thea/DH4TS will be the SSB operators and Anni/DL3DBY will work also on CW. PLEASE be patient - not all of them have real pile up experience. QSL via F5LGF direct or by the bureau.

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The Society can be contacted in the following ways
To Pat VK2JPA via vk2jpa at wia.org.au or
Col VK2CTD via ctdavies at bigpond.net.au or
you can drop a line to P.O. Box 93 Toongabbie, NSW 2146.
73's for this week from Pat VK2JPA Broadcast Officer
NNNN